

Dong-Myung Lee

List of Publications by Year in descending order

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14
papers

205
citations

1307594

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all docs

14
docs citations

14
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Online Detection and Classification of Rotor and Load Defects in PMSMs Based on Hall Sensor Measurements. IEEE Transactions on Industry Applications, 2019, 55, 3803-3812.	4.9	56
2	Permanent Magnet Temperature Estimation in PM Synchronous Motors Using Low-Cost Hall Effect Sensors. IEEE Transactions on Industry Applications, 2017, 53, 4515-4525.	4.9	48
3	A New Bumpless Rotor-Flux Position Estimation Scheme for Vector-Controlled Washing Machine. IEEE Transactions on Industrial Informatics, 2016, 12, 466-473.	11.3	43
4	Analysis of Relationship Between Abnormal Current and Position Detection Error in Sensorless Controller for Interior Permanent-Magnet Brushless DC Motors. IEEE Transactions on Magnetics, 2008, 44, 2074-2081.	2.1	23
5	A new sustain driver with energy recovery circuit based on low-voltage components and low-voltage power supply for AC plasma display panel. IEEE Transactions on Consumer Electronics, 2008, 54, 1321-1328.	3.6	12
6	On-line parameter identification of SPM motors based on MRAS technique. International Journal of Electronics, 2017, 104, 593-607.	1.4	8
7	A new simple-structure driving circuit to eliminate path switches for plasma display panels. IEEE Transactions on Consumer Electronics, 2008, 54, 225-232.	3.6	7
8	A low-temperature driving scheme of EEFLS inverter for LCD TV backlights. IEEE Transactions on Consumer Electronics, 2009, 55, 699-706.	3.6	2
9	On-line Detection and Classification of Rotor and Load Defects in PMSMs based on Hall Sensor Measurements. , 2018, , .		2
10	Motor Resistance Detection Method using RLS Technique. , 2020, , .		2
11	A new level Increased NLM method of modular multi-level converters for reducing THD of output voltage. International Journal of Electronics, 2022, 109, 1735-1758.	1.4	2
12	A novel gate driving scheme for high power PWM and bypass switches. IEICE Electronics Express, 2010, 7, 704-710.	0.8	0
13	Advanced simulation model for IPM motor drive with considering phase voltage and stator inductance. International Journal of Electronics, 2016, 103, 1685-1698.	1.4	0
14	Development of simulation model of offshore wind power generation with MMC for HILS application. , 2018, , .		0